

# Work Order ID 66553

Tuesday, February 22, 2011 9:18:29 AM



Page 1

Item ID:	D3283-1	Accept		Setup	Start	
Revision ID:						
Item Name:	Doubler				Stop	
Start Date:	2/22/2011	Start Qty:	20.00			
Required Date:	2/25/2011	Req'd Qty:	20.00			
Reference:						

Approvals:	Process Plan:		Date:	11-02-22	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3283	Rev E								

100		0.00							
	FLOW WATER JET								
Waterjet	Memo	0.00							
FLOW CNC Waterjet	1-Cut as per Dwg D3283 <input type="checkbox"/> Dwg Rev: <u>E</u> <input type="checkbox"/> Prog Rev: <u>E</u> <input type="checkbox"/> 2- Deburr if necessary								
6061-062									

110		0.00							
	QC2- Inspect parts off machine FAI/FAIB								
QC	Memo	0.00							
Quality Control									

120		0.00							
	QC8- Inspect parts - second check								
QC	Memo	0.00							
Quality Control									

Sulor/28

counts  
x29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

\_\_\_\_\_

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**Accept**

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

2. Once the problem is identified, the next step is to define the objectives and goals of the project. This helps to clarify what needs to be achieved and provides a clear direction for the team.

3. The third step is to develop a plan or strategy to address the problem. This involves breaking down the problem into smaller, manageable tasks and determining the resources needed to complete each task.

4. The fourth step is to implement the plan. This involves putting the strategy into action and monitoring progress regularly to ensure that the project is on track.

5. Finally, the fifth step is to evaluate the results of the project. This involves assessing the outcomes against the objectives and goals to determine the effectiveness of the project and identify areas for improvement.

**Setup Start**

**Stop**

[REDACTED]

**Cust Item ID:**

1. The first group of respondents (Group 1) consisted of 10 individuals who were members of the same organization as the respondents in Group 2. They were all male and had an average age of 35. They were all employed in the same department and had an average tenure of 10 years. They were all employed in the same department and had an average tenure of 10 years.

[illegible]

**Customer:**

**Reference:**

Run Start

**Stop**

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_



**Insp.  
Stamp**

130  


0.00

**Memo**  
**Debut**

0.00

[illegible]

0.00

## Memo

\*\*\*\*\*ensure rivet fits in #30 (0.128") holes as per dwg \*\*\*\*\*

**Abstract**

0.00

## Memo

0.00

= 7 m-l 11/02/28 <sup>24x</sup>

W/O:		WORK ORDER CHANGES						
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**NOTE:** Date & initial all entries

**Work Order ID 66553**

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Tuesday, February 22, 2011 9:18:29 AM

Item ID: D3283-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Doubler

Start Date: 2/22/2011 Start Qty: 20.00



Cust Item ID:

Required Date: 2/25/2011 Req'd Qty: 20.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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160

QC3- Inspect Part Finish

0.00



QC

Memo

0.00

Quality Control

29. BR 11-2-28.

170

Identify as per dwg &amp; Stock Location: 048

0.00



Packaging

Memo

0.00

Packaging

C4/3/01 (29)

180

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/03/01

C2 11/03/01

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**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, February 22, 2011 9:18:36 AM

Page 1

Work Order ID: 66553

Parent Item: D3283-1

Parent Item Name: Doubler



Start Date: 2/22/2011

Required Date: 2/25/2011

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP ☐ A ☐ 04.09.28 ☐ New issue ☐ KJ/JLM ☐  
 IPP Rev:B Now on Waterjet 07-05-28 JLM  
 IPP Rev:C As per Rev E 07-09-09 JLM Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.063 		Purchased	No			100	sf	157.5000	0.2361	4.970526	7.		
6061-T6 .063 Sheet													

RB 11-2-24

(57)

Location	Loc Qty	Loc Code
MAT	123.6	
116308	35.6	
116623	88	
MAT21	33.9	
113608	33.9	

116308

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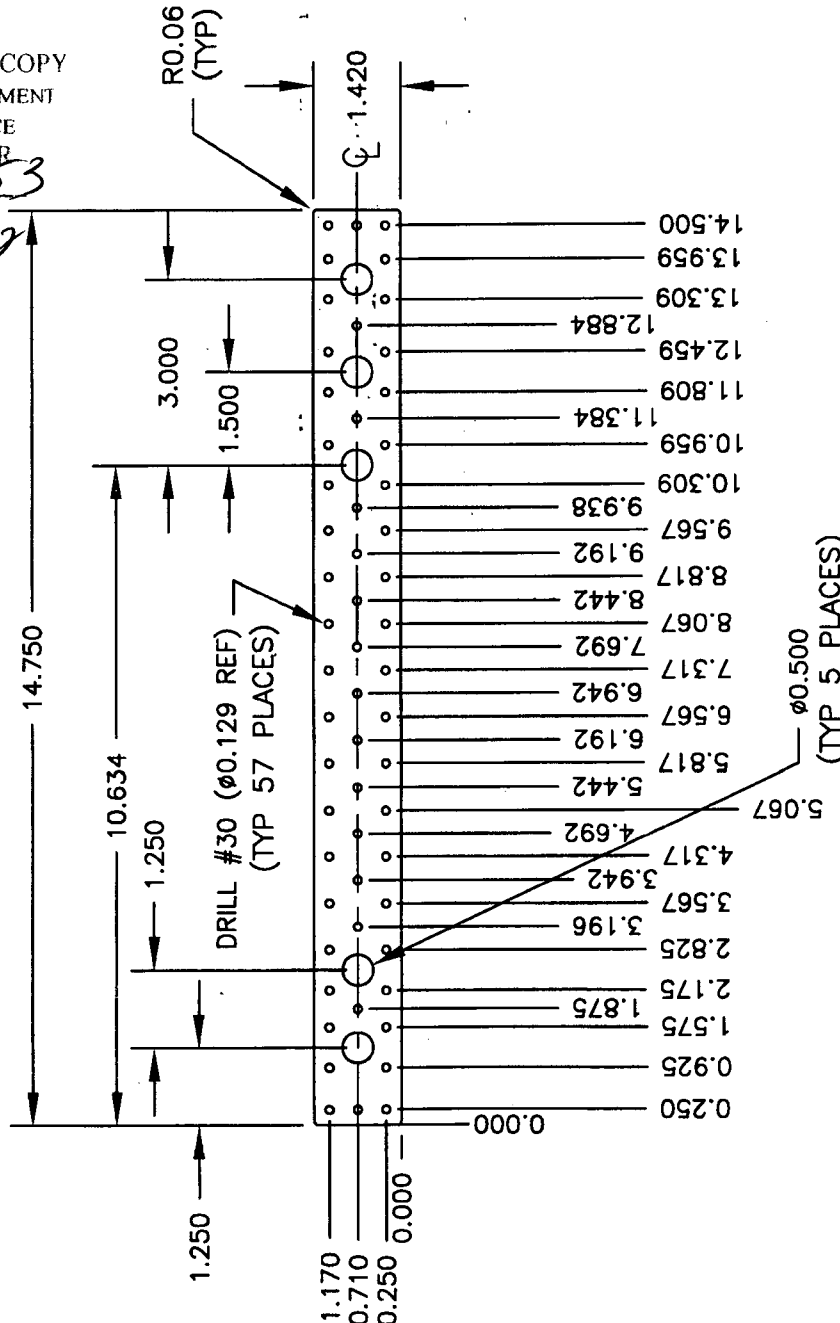
**DART**

DESIGN <i>99</i>	DRAWN BY <i>BC</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>B</i>	APPROVED <i>HT</i>	DRAWING NO. D3283	REV. E SHEET 1 OF 2
DATE 07.06.01	TITLE DOUBLER		SCALE 1:3
A	04.05.06	NEW ISSUE	
B	04.08.09	10.882 WAS 11.502	
C	05.03.16	CHANGE HOLE PATTERN FOR -1	
D	05.08.09	REDESIGN	
E	07.06.01	MISSING HOLE ADDED @ (7.692, 0.710)	

**RELEASED**  
07.08.2004  
SHOPECN 959

RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. *64553*

*PL 11-02-22*

**D3283-1 DOUBLER**

- 1) MATERIAL: 6061-T6, 0.063 THICK (QQ-A-250/11, REF DART SPEC. M6061T6S.063)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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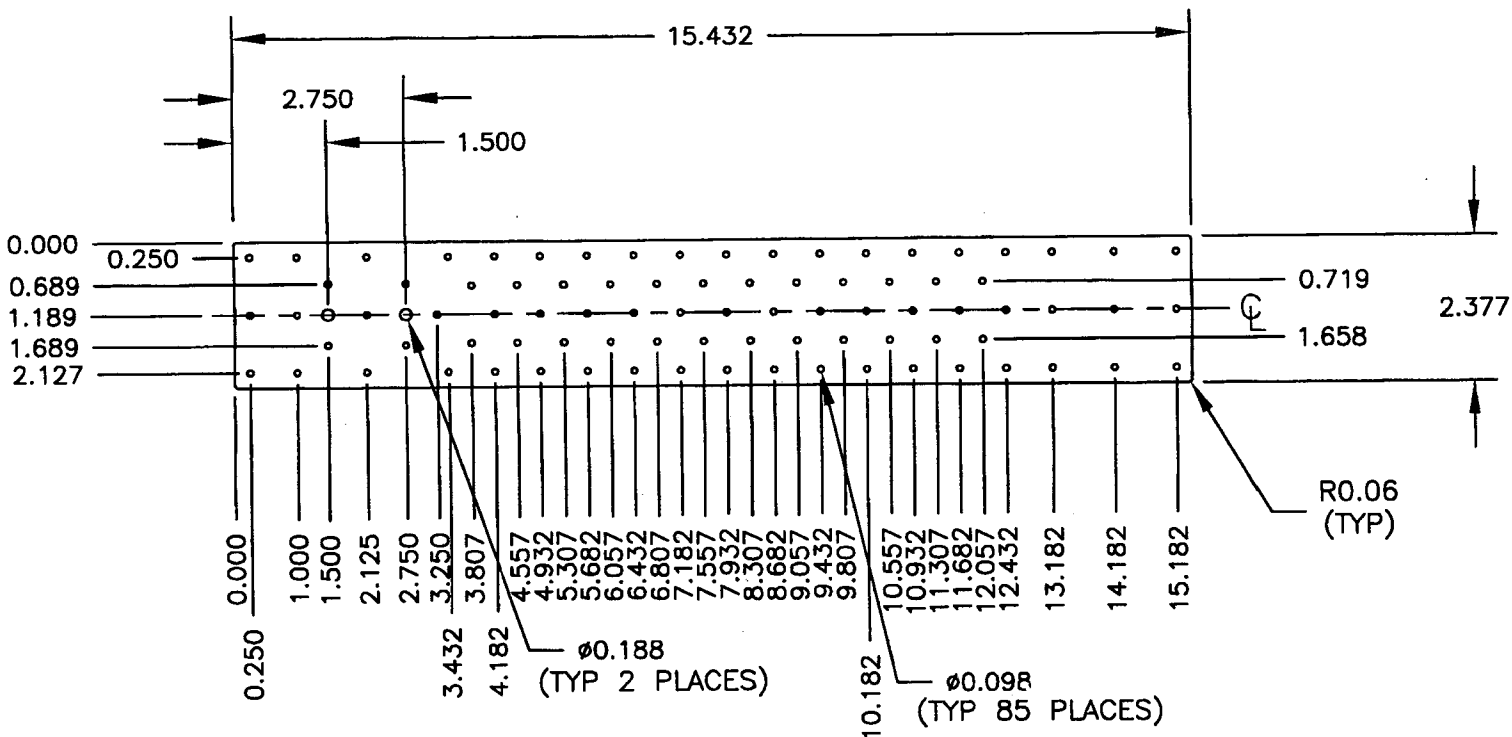
**NOTE:** Date & initial all entries

**DART**

DESIGN	DRAWN BY	DART AEROSPACE USA, INC.	
CHECKED	APPROVED	DRAWING NO.	PORT HADLOCK, WA
DATE		TITLE	REV. E
07.06.01		DOUBLER	SHEET 2 OF 2
			SCALE
			1:3

RELEASED  
07-08-2004  
PER ECN 969

w/o 66553



### D3283-3 DOUBLER

- 1) MATERIAL: 6061-T6, 0.080 THICK (QQ-A-250/11, REF DART SPEC. M6061T6S.080)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries